



No.: AIIMS MG/Procurement/ PAC /2021-22/ Pulse wave Tonometer.

Date: 21/10/2021

CALL FOR OBJECTION

AIIMS Mangalagiri has a requirement of SPT-301 Non- Invasive Pulse wave Tonometer along with Bridge amo and catheter interface cable and accessories for the department of Physiology. In this regard comments/ objection, if any are invited before declaring the article as proprietary in nature.

In this regard, the proposal submitted by M/s AD Instruments Pvt Ltd., Australia (sole manufacture of this product) along with Proprietary Article Certificate are attached and duly uploaded on Institute website for open information to submit objections/comments, if any from any manufacturer/ supplier before declaring the article of the said equipment/items to be procured as proprietary.

The objections/comments should be sent to the O/o AO (Procurement), 4th floor, Nursing college building, AIIMS Mangalagiri, Guntur, Andhra Pradesh 522503 in a sealed envelope with the above reference on or before 04/11/2021, 3:00 PM, failing which it will be presumed that any other manufacture/vendor is having no objections/comments to offer and the case will be decided on merits.

AO (Procurement)
For Director, AIIMS Mangalagiri

Enclosure:

1. PAC of Department
2. PAC of Manufacturer
3. Technical Specification sheet

CP 10



14 October, 2021

PROPRIETARY CERTIFICATE

To Whom It May Concern

This letter is to certify that ADInstruments Pty Ltd of Unit 13, 22 Lexington Drive Bella Vista NSW 2153 Australia is the only manufacturer of the PowerLab® System, Lt® Software and LabChart Software for Physiology Teaching and Research Applications.

No other company manufactures and provides the PowerLab®, LabChart and Accessories.

The items mentioned below are manufactured by Millar Inc. and ADInstruments Pty Ltd is the sole channel partner / distributor to market and sell these products. The below items are compatible with our PowerLab and Bridge Amp systems.

- SPT-301 Non-Invasive Pulse Tonometer
- ACCU-TIP Pressure Catheter for Rats
- SPR/MPR series Pressure Catheters for Rodents to Large Animals
- EPR Electrophysiology Catheters
- PVR Pressure Volume Catheters for Rodents to Large Animals
- Related Amplifiers, Accessories and consumables

Note: Log on to <http://www.adinstruments.com> for regular updated information.

PowerLab® systems are manufactured under a quality system certified as complying with ISO 9001:2000 quality management systems & conform to International Safety standards. The CE mark is for EU directives along with CLASS 8750 81 Medical Electrical Certificate (Certified to US Standards). In accordance with European standards the systems comply with electromagnetic compatibility requirement under EN60601-1, which encompasses the EMC directive.

For ADInstruments Pty Ltd.



Authorized Signatory.

ADInstruments Pty Ltd, Unit 13, 22 Lexington Drive, Bella Vista, New South Wales, AUSTRALIA 2153
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www.adinstruments.com
 ABN: 64001696171

Specifications

Non invasive pulse tonometer:

The SPT is a hand held wand probe equipped with a Mikro-Tip pressure sensor at the tip, designed for non-invasive recording of pulse pressure wave contours. The high frequency response ensures accurate reproduction of pulsatile waveforms. Dia $\frac{1}{8}$ " . length 6 inches, stainless steel, cable length 150 cm. It has aviking connector and therefore requires an AEC-10C catheter Interface cable for connection to any ADInstruments Bridge Amps.

SPT-301 Non-Invasive Pulse wave tonometer along with appropriate Bridge amp and catheter interface cable and accessories required so that the supplied two tonometers can be work with the 4 channel Powerlab by AD instruments.

Sensory type: Diff used Semiconductor

Pressure Range: 0 to +300 mmHg (0 to 40 kPa)

Sensor Sensitivity: 5 $\mu\text{V}/\text{V}/\text{mmHg}$, nominal (37.6 $\mu\text{V}/\text{V}/\text{kPa}$)

Bridge Amp (FE221):

The FE221 Bridge Amp is a software controlled , non isolated bridge amplifier suitable for use with strain gauges, pressure and force transducers and other DC-powered transducers, Supplied with an 8 pin DIN connector. For transducers with Grass connectors. Use only the MLAC 11 Grass Adapter Cable.

Catheter Interface cable (AEC-10C):

The AEC-10 C Mikro-Tip catheter interface cable 10 feet allows connection of the Millar Mikro-Tip catheters with Viking connectors to any AD Instrument Bridge Amp

P-3 FORM

(to be attached with P-2 form for Proprietary Items)

AIIMS Mangalagiri

PROPRIETARY ARTICLE CERTIFICATE

It is certified that Non-Invasive Pulse Tonometer for Physiology teaching and research should be purchased from ADInstruments Pty Ltd, Australia through any authorized Indian dealer.

The department already has one four channel digital polygraph supplied through DPR by HSCC which is made by AD Instruments Pvt Ltd, Australia through an Indian dealer. Non-Invasive Pulse tonometer manufactured by other makes may not be suitable or may produce errors due to incompatibility.

Also, this is compatible with the available Data Acquisition System PowerLab and Analysis software LabChart making it user friendly and can be used along with other signal recordings with minimal cost.

These features are very important and crucial for our academic and clinical studies for better assessment of Cardiovascular health risks.

Sign of indenter:

Designation : ASSOCIATE PROFESSOR

Department : PHYSIOLOGY

Recommendation: *Recommended & funded*

Signature of Head of department / Section

HEAD OF THE DEPARTMENT
Department of Physiology,
All India Institute of Medical Sciences-Mangalagiri,
Andhra Pradesh.